

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 A61K45/06 A61K39/395 A61K31/426 A61K31/427 A61P35/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, BIOSIS, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 01124 A (SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH) 14 January 1999 (1999-01-14) claims 1,3,4,45-47	1,3-5,8, 10-16,18
X	WO 00 47584 A (SCHERING) 17 August 2000 (2000-08-17) claim 1 page 59 -page 60	1,3-5,7, 8,10-19
X	US 2002/058286 A1 (S.J.DANISHEFSKY E.A.) 16 May 2002 (2002-05-16) claim 1 page 30, column 1 page 31 -page 32 page 33, column 1	1,3-5,8, 10-16,18
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

28 August 2003

Date of mailing of the international search report

09/09/2003

Name and mailing address of the ISA  
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## INTERNATIONAL SEARCH REPORT

Intern. Application No

PCT/EP 03/05988

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 64650 A (SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH) 7 September 2001 (2001-09-07) claims 1,11,28,30,33,34 page 74, line 17-28 page 78, line 15-31 ---	1,3-5,7, 8,10-19
X	WO 01 81341 A (SCHERING) 1 November 2001 (2001-11-01) claims 1,2 page 63 -page 64 ---	1,3-5,7, 10,12-19
X	WO 01 81342 A (SCHERING) 1 November 2001 (2001-11-01) claim 1 page 53 -page 54 ---	1,3-5,7, 10,12-19
X	WO 01 72721 A (BRISTOL-MYERS SQUIBB) 4 October 2001 (2001-10-04) claims 1,23-26,29,30 page 23, line 36 -page 24, line 4 ---	1-19
P,X	WO 02 072085 A (BRISTOL-MYERS SQUIBB) 19 September 2002 (2002-09-19) claims 1,7,8,23,26,34,36 page 21, line 30 -page 26, line 10 page 44 -page 45 -----	1-19

# INTERNATIONAL SEARCH REPORT

Int'l application No.  
PCT/EP 03/05988

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: —  
because they relate to subject matter not required to be searched by this Authority, namely:  
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☒ Claims Nos.: —  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

## Continuation of Box I.1

Although claim 13 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

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## Continuation of Box I.1

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy

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## Continuation of Box I.2

Present claims 1-5,7-19 relate to a product/compound/method defined by reference to a desirable characteristic or property, namely:

- 1) "HER-1 antibody"
- 2) "HER-2 antibody"
- 3) "Antineoplastic agent"
- 4) "Aromatase inhibitors"
- 5) "Antiestrogens"
- 6) "Topoisomerase I inhibitors"
- 7) "Topoisomerase II inhibitors"
- 8) "Microtubule active agents"
- 9) "Protein kinase C inhibitors"
- 10) "Anti-angiogenic compounds"
- 11) "Gonadorelin agonists"
- 12) "Anti-androgens"
- 13) "Histone deacetylase inhibitors"
- 14) "S-adenosylmethionine decarboxylase inhibitors"

The claims cover all products/compounds/methods having this characteristic or property, whereas the application provides support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT for only a very limited number of such products/compounds/methods. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Independent of the above reasoning, the claims also lack clarity (Article 6 PCT). An attempt is made to define the product/compound/method by reference to a result to be achieved. Again, this lack of clarity in the present case is such as to render a meaningful search over the whole of the claimed scope impossible. Consequently, the search has been carried out for those parts of the claims which appear to be clear, supported and disclosed, namely the compound described in claim 6 and the compounds described on pages 18-20 of the present application, with due regard to the general idea underlying the present application.

The applicant's attention is drawn to the fact that claims, or parts of

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/05988

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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# INTERNATIONAL SEARCH REPORT

Information on patent family members

Internal Application No

PCT/EP 03/05988

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